

# EAST Search History (877)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 441  | ((376/102) or (376/149) or (376/150) or (376/151) or (376/152)).CCLS.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/25 16:57 |
| L2    | 5    | "072963".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/25 16:58 |
| L4    | 14   | 1 and (bubble cavity) with (rise rising bouyancy hydrostatic lift lifting gravity gravitational)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:37 |
| L5    | 9    | piston with steam with feedback  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:46 |
| L6    | 34   | piston with steam with (recirculat\$3 feedback regenerat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:50 |
| L7    | 85   | (power adj input) with (recirculat\$3 feedback regenerat\$3) with (power adj output)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:53 |
| L8    | 3    | (power adj input) with (recirculat\$3 feedback regenerat\$3) with (power adj output) and power adj plant | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:56 |
| L9    | 0    | (power adj input) with (feedback) with (power adj output) and power adj plant                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:56 |
| L10   | 335  | (input) with (feedback) with (output) and power adj plant  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 17:56 |

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|-----|-----|---|---|----|-----|------------------|
| L11 | 162 | (input) near6 (feedback) near6 (output) and power adj plant       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 17:57 |
| L12 | 112 | (input) near4 (feedback) near4 (output) and power adj plant       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 18:10 |
| L13 | 117 | (input) near4 (feedback turbo) near4 (output) and power adj plant | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 18:10 |
| L14 | 5   | (input) near4 (turbo) near4 (output) and power adj plant          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 18:21 |
| L15 | 0   | (input) near4 (turbo-charger) near4 (output) and power adj plant  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 18:21 |
| L16 | 57  | (turbo-charger) and power adj plant                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 18:24 |
| L17 | 28  | (turbo-charger) and power adj plant and steam                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 18:24 |
| S1  | 8   | "507323".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 09:34 |
| S2  | 5   | "073423".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:20 |
| S3  | 9   | "4068147"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:20 |

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|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S4  | 8  | "4269658"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:21 |
| S5  | 57 | "5659173"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:21 |
| S6  | 3  | "5968323"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:21 |
| S7  | 4  | ("4333796").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:21 |
| S8  | 1  | (US-4333796-\$).did.   | USPAT   | OR | OFF | 2006/05/29 06:22 |
| S9  | 8  | ((("4,068,147") or ("4,269,658") or ("5,659,173") or ("5,968,323"))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:23 |
| S10 | 2  | wo-9636969\$-\$\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:25 |
| S11 | 1  | wo-9749274\$-\$\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:26 |
| S12 | 0  | gb-774052\$-\$\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:27 |
| S13 | 0  | gb-0774052\$-\$\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 06:27 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S14 | 0   | schmidt.in. and @pd="19570501"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/29 06:36 |
| S15 | 3   | S10 S11 S12 S13 S14  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/29 06:36 |
| S17 | 1   | browne.in. and (cavity bubble)<br>and fusion and reactor   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/29 10:39 |
| S18 | 26  | (acoustic adj icf sonoluminescence<br>bubble adj fusion) and (direct\$3<br>near4 wave)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/29 10:49 |
| S19 | 8   | "507323".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 10:43 |
| S20 | 1   | (US-20050129161-\$).did.   | US-PGPUB  | OR | OFF | 2006/05/29 10:43 |
| S21 | 25  | (sonoluminescence) and (direct\$3<br>near4 wave)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/29 10:49 |
| S22 | 12  | (US-4333796-\$ or US-4068147-\$<br>or US-5659173-\$ or US-5968323-\$<br>or US-4269658-\$).did. or<br>(WO-9636969-\$).did. or<br>(US-4068147-\$ or US-5968323-\$<br>or US-5659173-\$ or US-4269658-\$<br>or GB-2316220-\$ or<br>WO-9749274-\$).did. | USPAT;<br>EPO;<br>DERWENT                               | OR | OFF | 2006/05/29 14:36 |
| S23 | 429 | "21" and microballoon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 14:36 |
| S24 | 653 | "12" and microballoon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 14:37 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S25 | 0   | S22 and microballoon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 14:37 |
| S26 | 0   | S22 and micro adj balloon   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/29 14:37 |
| S27 | 10  | (sonoluminescence bubble adj<br>fusion acoustic adj ICF) and<br>(microballoon micro adj balloon)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/29 14:38 |
| S28 | 334 | track\$3 near3 bubble   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 09:35 |
| S29 | 2   | track\$3 near3 bubble and fusion  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 09:35 |
| S30 | 3   | (determin\$5 track\$3) near3<br>bubble near3 (position\$2 locat\$3)<br>and fusion   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 09:41 |
| S31 | 3   | (determin\$5 track\$3) near3<br>(microballoon bubble) near3<br>(position\$2 locat\$3) and fusion  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 09:46 |
| S32 | 695 | (determin\$5 track\$3 detect\$3)<br>near3 (microballoon bubble) near3<br>(position\$2 locat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:46 |
| S33 | 1   | (determin\$5 track\$3 detect\$3)<br>near3 (microballoon bubble) near3<br>(position\$2 locat\$3) and<br>sonoluminescence   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:48 |
| S34 | 1   | (determin\$5 track\$3 detect\$3)<br>near3 (microballoon bubble) near3<br>(position\$2 locat\$3) and (bubble<br>adj fusion sonoluminescence<br>acoustic adj icf) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:48 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S35 | 1    | (US-20050129161-\$).did.   | US-PGPUB  | OR | OFF | 2006/05/30 12:04 |
| S36 | 0    | S35 and microballoon   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 12:04 |
| S37 | 1    | S35 and micro adj balloon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 12:05 |
| S38 | 12   | (US-5968323-\$ or US-5659173-\$<br>or US-4333796-\$ or US-4269658-\$<br>or US-4068147-\$).did. or<br>(WO-9636969-\$).did. or<br>(WO-9749274-\$ or GB-2316220-\$<br>or US-5968323-\$ or US-5659173-\$<br>or US-4269658-\$ or<br>US-4068147-\$).did. | USPAT;<br>EPO;<br>DERWENT                               | OR | OFF | 2006/05/30 12:05 |
| S39 | 0    | S38 and (micro adj balloon<br>microballoon)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 12:06 |
| S40 | 22   | "376"/\$7.ccls. and (micro adj<br>balloon microballoon)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 12:06 |
| S41 | 8    | laberge.in. and fusion   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/24 14:57 |
| S42 | 2    | wo-9636969\$-\$).did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/25 17:07 |
| S43 | 4319 | (micro-balloon microballoon micro<br>adj balloon)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/24 16:01 |
| S44 | 1597 | (micro-balloon microballoon micro<br>adj balloon) and<br>(sonoluminescen\$2 bubble cavity)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/24 16:02 |

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|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| S45 | 15  | (micro-balloon microballoon micro adj balloon) and (sonoluminescen\$2 bubble cavity) and "376"/\$7.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/09/24 16:04 |
| S46 | 15  | (micro-balloon microballoon micro adj balloon) and (sonoluminescen\$2 sonofusion acoustic adj inertial adj confinement sonochemistry bubble cavity) and "376"/\$7.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/09/24 16:59 |
| S47 | 7   | (single adj bubble) and (sonoluminescen\$2 sonofusion acoustic adj inertial adj confinement sonochemistry bubble cavity) and "376"/\$7.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/09/24 16:59 |
| S48 | 0   | browne.in. and nuclear adj power and (cavity bubble)  | DERWENT  | OR | OFF | 2006/09/25 08:30 |
| S49 | 2   | browne.in. and nuclear and fusion   | DERWENT  | OR | OFF | 2006/09/25 09:42 |
| S50 | 609 | (bubble adj fusion sonoluminescence sonochemistry acoustic adj inertial adj (confinement fusion))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 09:44 |
| S51 | 12  | S50 and (placing placement position positioning) adj (bubble cavity)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 10:28 |
| S52 | 0   | single adj bubble adj collapse  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 12:11 |
| S53 | 161 | single adj bubble and cavitation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 12:11 |

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|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S54 | 12 | (US-4333796-\$ or US-5968323-\$ or US-5659173-\$ or US-4269658-\$ or US-4068147-\$).did. or (WO-9636969-\$).did. or (US-4269658-\$ or US-5968323-\$ or US-5659173-\$ or US-4068147-\$ or GB-2316220-\$ or WO-9749274-\$).did. | USPAT;<br>EPO;<br>DERWENT                                 | OR | OFF | 2006/09/25 12:36 |
| S55 | 2  | S54 and steam   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>DERWENT | OR | OFF | 2006/09/25 16:57 |